

EPA

United States Environmental Protection Agency  
Washington, DC 20460

## Work Assignment

Work Assignment Number

5-05

☐ Other ☐ Amendment Number:

Contract Number

EP-D-11-006

Contract Period 04/29/2011 To 03/31/2016

Base

Option Period Number 4

Title of Work Assignment/SF Site Name

FY15 Mobile Source E1

Contractor

EASTERN RESEARCH GROUP, INC.

Specify Section and paragraph of Contract SOW.

K

Purpose:



Work Assignment



Work Assignment Close-Out



Work Assignment Amendment



Incremental Funding



Work Plan Approval

Period of Performance

From 04/01/2015 To 03/31/2016

Comments

This is the initial start of work assignment for Option IV period. Funds have been authorized for the work plan and will for work to begin from source. This work does not duplicate any work previously performed or is currently being performed.



Superfund

Accounting and Appropriations Data



Non-Superfund

SFO

(Max 2)



Note: To report additional accounting and appropriations data use EPA Form 1500-GSA

Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 5)	Budget Org/Code (Max 7)	Program Element (Max 3)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										

## Authorized Work Assignment Ceiling

Contract Period

Cost/Fee

LOF: 0

04/29/2011 To 03/31/2016

This Action

500

Total

500

## Work Plan / Cost Estimate Approvals

Contractor WP Dated:

Cost/Fee

LOF:

Cumulative Approved

Cost/Fee

LOF:

Work Assignment Manager Name Laurel Driver

Branch/Mail Code

Phone Number 919-541-2889

FAX Number:

(Signature)

(Date)

Project Officer Name Margaret Dougherty

Branch/Mail Code

Phone Number 919-541-2344

FAX Number:

(Signature)

(Date)

Other Agency Official Name

Branch/Mail Code

Phone Number:

FAX Number:

(Signature)

(Date)

Contracting Official Name Marsha B. Johnson

Branch/Mail Code

Phone Number 919-541-0952

FAX Number:

(Signature)

(Date)

## **Statement of Work**

- I. Title:** Mobile Source Emission Inventory Development FY15  
**Contractor Name:** Eastern Research Group (ERG)  
**Contract #:** EP-D-11-006  
**WA #:** 5-05

**II. Work Assignment Contracting Officer's Representative (WACOR):**

Laurel Driver  
U.S. Environmental Protection Agency (EPA)  
US EPA OAQPS (C339-02)  
109 TW Alexander Drive  
RTP, NC 27711  
Phone: (919) 541-2859  
Fax: (919) 541-0684

ALT: WACOR  
Jennifer Snyder  
U. S. Environmental Protection Agency  
US EPA OAQPS (C339-02)  
109 TW Alexander Drive  
RTP, NC 27711  
Phone: (919) 541-3003  
Fax: (919) 541-0684

**III. Background:**

The Emission Inventory and Analysis Group (EIAG) annually produces the National Emission Inventory (NEI). These data are needed by states, tribal, and local agencies to evaluate emissions trends in each State and to compare emission trends between geographic areas. The NEI is also used as a basis for various EPA modeling and regulatory analyses. The NEI uses the Emission Inventory System (EIS), that aids in the collection and distribution of inventory information.

The purpose of this work assignment is to continue support on the NEI, particularly on work related to the mobile sources sector of the NEI. This work assignment will assist in inventory preparation and distribution methods that evolve in the EIS development process.

**IV. Description and Tasks:**

**Task #1: Work Plan**

The Contractor shall develop a new work plan and cost estimate. The Contractor shall hold conference calls with the WACOR on a regular basis after approval of the work plan to plan and review progress of this WA.

**Task #2: Complete unfinished work under previous WA 4-01**

The contractor shall complete any work remaining under previous WA 4-01.

**V. Deliverables:**

<b>Deliverable</b>	<b>Due Date</b>
Work Plan	20 calendar days after the effective date of the work assignment
Monthly progress reports	Ongoing
Information requests	Ongoing
Individual task deliverables	To be determined
Documentation	To be determined

<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460 <b>Work Assignment</b>		Work Assignment Number 5-05								
		<input type="checkbox"/> Other <input type="checkbox"/> Amendment Number:								
Contract Number EP-D-11-006	Contract Period 04/29/2011 To 03/31/2016 Base                      Option Period Number    4	Title of Work Assignment/SF Site Name FY15 Mobile Source EI								
Contractor EASTERN RESEARCH GROUP, INC.		Specify Section and paragraph of Contract SOW								
Purpose: <input checked="" type="checkbox"/> Work Assignment <input type="checkbox"/> Work Assignment Close-Out <input type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input checked="" type="checkbox"/> Work Plan Approval		Period of Performance  From 04/01/2015 To 03/31/2016								
Comments: The work plan dated 04/08/2015 has been reviewed and we concur with the labor mix, technical hours (2,405), ODCs, total estimated cost \$204,956.00 and completion date 03/31/2016.										
<input type="checkbox"/> Superfund                      Accounting and Appropriations Data <input checked="" type="checkbox"/> Non-Superfund										
SFO (Max 2) <input type="checkbox"/> Note: To report additional accounting and appropriations data use EPA Form 1900-69A.										
Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										
Authorized Work Assignment Ceiling										
Contract Period: 04/29/2011 To 03/31/2016		Cost/Fee: \$0.00		LOE: 0						
This Action:		\$204,956.00		2,405						
Total:		\$204,956.00		2,405						
Work Plan / Cost Estimate Approvals										
Contractor WP Dated: 04/08/2015		Cost/Fee: \$204,956.00		LOE: 2,405						
Cumulative Approved:		Cost/Fee: \$204,956.00		LOE: 2,405						
Work Assignment Manager Name Laurel Driver							Branch/Mail Code:			
_____ (Signature)                      (Date)							Phone Number 919-541-2859			
							FAX Number:			
Project Officer Name Margaret Dougherty							Branch/Mail Code:			
_____ (Signature)                      (Date)							Phone Number: 919-541-2344			
							FAX Number:			
Other Agency Official Name							Branch/Mail Code:			
_____ (Signature)                      (Date)							Phone Number:			
							FAX Number:			
Contracting Official Name Marsha B. Johnson							Branch/Mail Code:			
_____ (Signature)                      (Date) 5/20/15							Phone Number: 919-541-0952			
							FAX Number:			

**EPA**United States Environmental Protection Agency  
Washington, DC 20460**Work Assignment**

Work Assignment Number

5-05

☐ Other ☒ Amendment Number:

000001

Contract Number

EP-D-11-006

Contract Period 04/29/2011 To 03/31/2016

Base

Option Period Number 4

Title of Work Assignment/SF Site Name

FY15 Mobile Source EI

Contractor

EASTERN RESEARCH GROUP, INC.

Specify Section and paragraph of Contract SOW

Section II paragraph K

Purpose:

☐

Work Assignment

☐

Work Assignment Close-Out

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Work Assignment Amendment

☐

Incremental Funding

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Work Plan Approval

Period of Performance

From 04/01/2015 To 03/31/2016

Comments:

THE PURPOSE OF THIS WORK ASSIGNMENT CHANGE IS TO ADD TASKS IN ACCORDANCE WITH THE ATTACHED DOCUMENT. THE CONTRACTOR SHALL SUBMIT A REVISED WORK PLAN AND COST ESTIMATE. THIS WORK DOES NOT DUPLICATE ANY WORK PREVIOUSLY PERFORMED, OR ANY WORK CURRENTLY BEING PERFORMED BY THIS OFFICE.

☐

Superfund

## Accounting and Appropriations Data

☒

Non-Superfund

SFO  
(Max 2)☐

Note: To report additional accounting and appropriations data use EPA Form 1900-69A.

Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										

## Authorized Work Assignment Ceiling

Contract Period:

Cost/Fee:

LOE:

04/29/2011 To 03/31/2016

This Action:

Total:

## Work Plan / Cost Estimate Approvals

Contractor WP Dated:

Cost/Fee:

LOE:

Cumulative Approved:

Cost/Fee:

LOE:

Work Assignment Manager Name Laurel Driver

Branch/Mail Code:

Phone Number 919-541-2859

FAX Number:

(Signature)

(Date)

Project Officer Name Brandon Hawkins

Branch/Mail Code:

Phone Number 919-541-0880

FAX Number:

(Signature)

(Date)

Other Agency Official Name

Branch/Mail Code:

Phone Number:

FAX Number:

(Signature)

(Date)

Contracting Official Name Marsha B. Johnson

Branch/Mail Code:

Phone Number 919-541-0952

FAX Number:

(Signature)

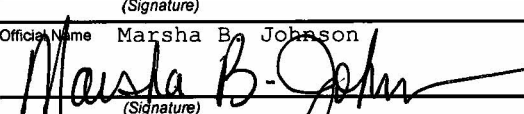
(Date)

## ATTACHMENT

**Work Assignment Title:** Mobile Source Emission Inventory Development FY15  
**Contract #:** EP-D-11-006  
**Contractor:** ERG  
**WA#:** 5-05  
**WA Change #:** 1  
**WAM:** Laurel Driver

Add the following tasks:

- The contractor shall run the NONROAD model (nonroad engines, equipment, and vehicles) via the National Mobile Inventory Model (NMIM) for base year 2040. This will be a national NMIM for all counties, Puerto Rico (PR) and the Virgin Islands (VI). The contractor shall use the latest National Emissions Inventory (NEI) 2011 Version 2 National County Database (NEI 2011v2 NCD), replacing fuels (countyyearmonth, gasoline, and diesel) and meteorology tables with those supplied by the Office of Transportation and Air Quality (OTAQ). The contractor shall supply the model results one month after EPA provides the necessary model input parameters. The contractor shall process the output into the form needed by the Sparse Matrix Operator Kernel Emissions (SMOKE) modeling system and provide a summary memo describing runs specifications. The contractor shall provide run specifications prior to the commencement of that model run.

<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460 <b>Work Assignment</b>		Work Assignment Number 5-05								
		<input type="checkbox"/> Other <input checked="" type="checkbox"/> Amendment Number: 000001								
Contract Number EP-D-11-006	Contract Period 04/29/2011 To 03/31/2016 Base                      Option Period Number 4	Title of Work Assignment/SF Site Name FY15 Mobile Source EI								
Contractor EASTERN RESEARCH GROUP, INC.		Specify Section and paragraph of Contract SOW Section II paragraph K								
Purpose: <input type="checkbox"/> Work Assignment <input type="checkbox"/> Work Assignment Close-Out <input checked="" type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input checked="" type="checkbox"/> Work Plan Approval		Period of Performance From 04/01/2015 To 03/31/2016								
Comments: THE REVISED WORK PLAN AND COST ESTIMATE DATED 23 JUNE 2015, HAS BEEN REVIEWED AND WE CONCUR WITH THE LABOR MIX, ADDITIONAL TECHNICAL HOURS (88), OTHER DIRECT COSTS (ODCS), ADDITIONAL ESTIMATED COST OF \$8,282, AND THE COMPLETION DATE OF 31 MARCH 2016. THIS WORK DOES NOT DUPLICATE ANY WORK PREVIOUSLY PERFORMED, OR ANY WORK CURRENTLY BEING PERFORMED BY THIS OFFICE										
<div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Superfund           <b>Accounting and Appropriations Data</b> <input checked="" type="checkbox"/> Non-Superfund         </div>										
Note: To report additional accounting and appropriations data use EPA Form 1900-69A. SFO (Max 2) <input type="checkbox"/>										
Line	DCN (Max 6)	Budget/FY (Max 4)	Appropriation Code (Max 6)	Budget Org/Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										
<b>Authorized Work Assignment Ceiling</b>										
Contract Period:		Cost/Fee:		\$204,956.00		LOE: 2405				
04/29/2011 To 03/31/2016										
This Action:				\$8,282.00		88				
Total:				\$213,238.00		2,493				
<b>Work Plan / Cost Estimate Approvals</b>										
Contractor WP Dated:		06/23/2015		Cost/Fee:		\$8,282.00		LOE: 88		
Cumulative Approved:				Cost/Fee:		\$213,238.00		LOE: 2,493		
Work Assignment Manager Name    Laurel Driver  <div style="display: flex; justify-content: space-between;"> <div>_____ (Signature)</div> <div>_____ (Date)</div> </div>							Branch/Mail Code: Phone Number 919-541-2859 FAX Number:			
Project Officer Name    Brandon Hawkins  <div style="display: flex; justify-content: space-between;"> <div>_____ (Signature)</div> <div>_____ (Date)</div> </div>							Branch/Mail Code: Phone Number: 919-541-0880 FAX Number:			
Other Agency Official Name  <div style="display: flex; justify-content: space-between;"> <div>_____ (Signature)</div> <div>_____ (Date)</div> </div>							Branch/Mail Code: Phone Number: FAX Number:			
Contracting Official Name    Marsha B. Johnson  <div style="display: flex; justify-content: space-between;"> <div>             (Signature)         </div> <div>7/15/15 (Date)</div> </div>							Branch/Mail Code: Phone Number: 919-541-0952 FAX Number:			